(19) World Intellectual Property Organization

International Bureau



| 10014|| 100100|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010|| 10010||

(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/110292 A3

A61B 17/74 (51) International Patent Classification⁷:

(21) International Application Number:

PCT/IL2004/000508

13 June 2004 (13.06.2004) (22) International Filing Date:

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/477,784

12 June 2003 (12.06.2003) US

(71) Applicant (for all designated States except US): DISC-O-TECH MEDICAL TECHNOLOGIES, LTD. [IL/IL]; 3 HASADNAOT STREET, 46728 HERZELIA (IL).

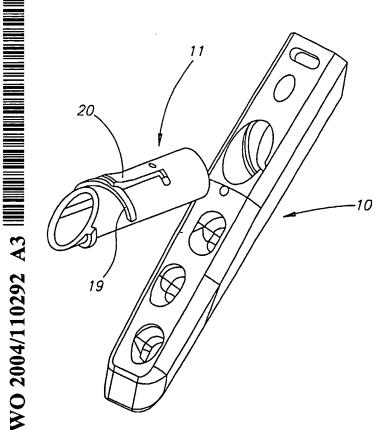
(72) Inventors; and

(75) Inventors/Applicants (for US only): BERG, Oz [IL/IL]; 12 GOLEY KENYA STREET, 69717 TEL-AVIV (IL). SHAVIT, Ronen [IL/IL]; 5 WEINSHAL STREET, 69413 TEL-AVIV (IL). BEYAR, Mordechay [IL/IL]; 7 HAESHKOLIT STREET, 30600 CAESAREA

- (74) Agents: FENSTER, Paul et al.; FENSTER & COM-PANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: PLATE DEVICE



(57) Abstract: A hip plate, comprising: a plate body adapted to be attached to a femur or other bone; and at least one lag screw adapted for insertion into a femoral head or other bone protrusion and rotationally lockable to said plate.

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 17 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.